



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

AUG - 6 2002

Mr. Erik Johansen
Pesticide Registration Specialist
State of Washington Department of Agriculture
P.O. Box 42560
Olympia, WA 98504-2560

Dear Mr. Johansen:

This is to acknowledge receipt of your notification of May 1, 2002, to this Agency of a state special local need (SLN) registration, pursuant to section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as follows:

Product:	Dimilin 2L
EPA Registration No.:	400-461
24(c) Registrant:	Uniroyal Chemical Company 74 Amity Road Bethany, CT 06524-3402
SLN Reg. No.:	WA020008
Use Site:	Hybrid Poplar/Cottonwood Plantations for Grasshopper Control

This acknowledgement is not to be construed as an EPA approval of this registration.

Please call me at (703) 308-8291, or e-mail if you have any questions regarding this letter.

Sincerely yours,

Rita Kumar

Rita Kumar, Senior Regulatory Specialist
Insecticide Rodenticide Branch
Registration Division (7505C)
e-mail: kumar.rita@epa.gov

STATE WASHINGTON
DATE REGISTERED 05/01/02
SPECIFIC SPECIAL LOCAL NEED _____

SLN NO WA020008
90-DAY DATE 08/20/02
SITE _____
PEST/PROBLEM: _____

1. Is the State certified to issue this type of registration? _____
2. Was the EPA Application/Notification Form submitted? _____
3. Was all the required information included on the form? _____
4. Was a confidential formula submitted (for new products)? _____
5. Is this registration for a "CHANGED USE PATTERN"? _____
6. Has an FR document been prepared for this "CHANGED USE PATTERN"? _____
7. Tolerances required? _____ Established? _____ Citation: _____
8. Full labeling being used? _____ Supplemental directions? _____
9. Does label state "FOR DISTRIBUTION AND USE ONLY WITHIN (State)"? _____
10. Does full label comply with 40 CFR 162.10, as follows:
- a. Product name, brand or trademark? _____
 - b. Name and address of registrant? _____
 - c. Net contents? _____
 - d. Product registration number? _____
 - e. Producing establishment number? _____
 - f. Ingredient statement? _____
 - g. Precautionary labeling? _____
 - h. Directions for use for special local need? _____
 - i. Use classification? _____

Was proper format followed? _____

11. Is supplemental directions for use labeling satisfactory? _____
12. Was supplemental labeling compared with EPA-registered label? _____

COMMENTS _____

1. SLN No WA0200 2. PM 04 3. Action Code _____

4. State Issue Date

050102

5. Date received by EPA

052002

6. Date received by PM

7. Chemical name _____

8. Chemical code _____

9. Use _____

10. Reviews requested:

	Date Sent	Due Date	Date Returned	Response Code	Response Date
HED					
EFB					
RCB					
EEB					
TB					
RD					
PM					
S					
Precaut. Labeling					
Chemistry					
Efficacy					

11. Status _____

12. FINAL ACTION" Response code _____

Response date

United States Environmental Protection Agency
Office of Pesticide Programs, Registration Division (7505C)
Washington, DC 20460

For State Use Only

Registration No. Assigned

WA-020008

Date Registration Issued

5/1/02

**Application for/Notification of State Registration
of a Pesticide To Meet a Special Local Need**
(Pursuant to section 24(c) of the Federal Insecticide,
Fungicide, and Rodenticide Act, as Amended)



1. Name and Address of Applicant for Registration

Uniroyal Chemical Company, Inc.
74 Amity Road
Bethany, CT 06524-3402

2. Product is (Check one)

EPA-Registered

EPA Registration Number
400-461

New (not EPA-registered)

Attach EPA Form 8570-4, Confidential Statement of
Formula for new products.EPA Company Number
400

3. Active Ingredient(s) in Product

Diflubenzuron

4. Product Name

DIMILIN® 2L

5. If this is a food/feed use, a tolerance or other residue clearance is
required. Cite appropriate regulations in 40 CFR Part 180, 185, and/or
186. N/A

6. Type of Registration (Give details in Item 13 or on a separate
page, properly identified and attached to this form):

a. To permit use of a new product.

b. To amend EPA registrations for one or more of the following purposes:

☒ (1) To permit use on additional crops or animals.☒ (2) To permit use at additional sites.

(3) To permit use against additional pests.

(4) To permit use of additional application techniques or equipment.

(5) To permit use at different application rates.

(6) Other (specify below)

7. Nature of Special Local Need (check one)

☐ There is no pesticide product registered by EPA for such use.☒ There is no EPA-registered pesticide product which, under the conditions of use within
the State, would be as safe and/or as efficacious for such use within the terms and
conditions of EPA registration.☐ An appropriate EPA-registered pesticide product is not available.8. If this registration is an amendment to an EPA-registered product, is it
for a "new use" as defined in 40 CFR 152.3?☒ Yes (discuss in item 13 below)

No

9. Has an EPA Registration or Experimental Use Permit for this chemical ever been
(check applicable box(es), if known):☒ Sought☒ Issued☐ Denied☐ Cancelled☐ Suspended☐ Registration☐ Experimental Use Permit☐ No Previous Permit Action11. Endangered Species Act: (Give details in Item 13 or on a separate page,
properly identified and attached to this form)

Identify the counties where this pesticide will be used. If Statewide, indicate "all."
Provide a list of Federally protected endangered/threatened species which occur in
the areas of proposed use.

12. Indicate use status of Special Local Need, i.e., planned dates of
use:

From: April To: August

13. Comments (attach additional sheet, if needed)

Special Local Need being submitted to
OR.

10. Has FIFRA section 24(c) registration for this use of the
product ever, by another State, been (check appropriate
box(es), if known):

Sought



Issued



Denied



Revoked

If any of the above are checked, list States in item 13 below.

☒ No FIFRA section 24(c) Action

Certification

I certify that the statements I have made on this form and all attachments
hereto are true, accurate, and complete. I acknowledge that any
knowingly false or misleading statement may be punishable by fine or
imprisonment or both under applicable law.

Signature of Applicant or Authorized Representative

Theresa K. Nass for
Willard F. Cummings

Title

U.S. Registration Manager

Telephone Number

203-393-2163

Date

4-4-02

Determination by State Agency

This registration is for a Special Local Need and is being issued in accordance with section 24(c) of FIFRA, as amended. To the best of our
knowledge, the information above is correct, except as noted in "Comments" below or in attachments.

Name, Title, and Address of State Agency Official

ERIK W. JOHANSEN, WSDA
PESTICIDE REGISTRATION SPECIALIST/
POLLINATOR PROTECTION &
SPRAY ADJUVANTS

Title

[Signature]

Telephone Number

(360) 902-2078

Date

5/1/02

Comments (by State Agency Only)

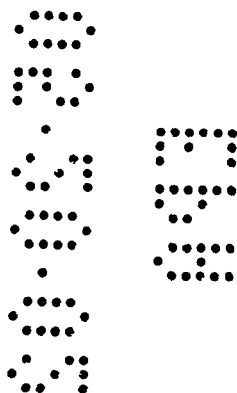
NON-FOOD/NON-FEED
USE.

Received by EPA



Paperwork Reduction Act Notice

The public reporting burden for this collection of information is estimated to average 2.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining needed data, and completing and reviewing this application form. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Office of Management and Budget, Paperwork Reduction Project (2070-0055), Washington, DC 20503, marked "Attention Desk Officer for EPA."





State of Washington
DEPARTMENT OF AGRICULTURE
P O Box 42560
Olympia WA 98504-2560

RETURN RECEIPT REQUESTED

ENIT DETTOD AT DTLO
ADDRESS OF RETURN RIGHT OF
PL ECVL REKITS AT POI

Document Processing Desk (SLN)
Office of Pesticide Programs H7504C
US Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue
Washington DC 20004



20004+2403 30



CERTIFIED MAIL



7099 3220 0008 8273 2903



PRINTED

5 CYCLED PAPER.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Document Processing Desk (SLN)
Office of Pesticide Programs H7504C
US Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue
Washington DC 20004

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (*Printed Name*)

C. Date of Delivery

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☐ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number

(Transfer from service label)

7099 3220 0008 8273 2903

9801A - 4B020008

PS Form 3811, August 2001

Domestic Return Receipt

102595-01-M-2509

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

- Sender: Please print your name, address, and ZIP+4 in this box •

State of Washington
Department of Agriculture
Pesticide Management Division
P.O. Box 42589
Olympia, WA 98504-2589

5
FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON

RESTRICTED USE PESTICIDE

Due to toxicity to aquatic invertebrate animals.

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

Crompton
Uniroyal Chemical

Dimilin® 2L

INSECT GROWTH REGULATOR

EPA REG. NO. 400-461 EPA SLN. NO. WA-020008

For Use in Commercial Hybrid Poplar/Cottonwood Plantations

THIS LABEL IS IN ADDITION TO THE STANDARD FEDERAL LABEL PRINTED ON THE CONTAINER

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For the control of grasshoppers in commercial hybrid poplar/cottonwood plantations only. THIS IS NOT A FORESTRY USE. POPLARS/COTTONWOODS ARE GROWN AS AN AGRICULTURAL CROP THAT IS HARVESTED EVERY 7-10 YEARS ON AGRICULTURAL LAND. DIMILIN 2L is not effective in controlling grasshoppers once they have reached the 5th instar to adult stage.

GROUND APPLICATION: Use 2 fl. oz. of DIMILIN 2L per acre in a minimum of 50 gallons of water per acre applied by air blast sprayer. Include 1 pt. to 2 qt. per acre of emulsified vegetable or paraffinic crop oil to aid in canopy penetration and minimize water evaporation.

AERIAL APPLICATION: Use 2 fl. oz. of DIMILIN 2L per acre in a minimum of 10 gallons of water per acre. Include 1 pt. to 2 qt. per acre of emulsified vegetable or paraffinic oil to aid in canopy penetration and minimize water evaporation.

MAXIMUM NUMBER OF APPLICATIONS: 2

TIMING OF APPLICATION: Applications may be made anytime after eggs begin to hatch. For optimum results, applications should be made when the majority of nymphs have reached the 2nd and 3rd instar stage of growth. If the trees are actively growing, or a new hatch develops, a repeat application may be necessary for coverage of new foliage during the period of rapid vegetative growth. DIMILIN 2L remains active on the sprayed foliage for 21 - 30 days and will continue to control grasshoppers that hatch later in the season. DIMILIN 2L is not effective in controlling grasshoppers once they have reached the 5th instar to adult stage. Since it is an insect growth regulator, effects of DIMILIN 2L may not be seen until 3 to 10 days after treatment.

USE RESTRICTIONS FOR GRASSHOPPER CONTROL IN HYBRID POPLAR/COTTONWOOD PLANTATIONS

This pesticide is toxic to aquatic invertebrates. DIMILIN 2L should not be used under this SLN label where impact on listed threatened or endangered species is likely. You may contact the Washington Department of Fish & Wildlife, National Marine Fisheries Service or US Fish and Wildlife Service for information on listed threatened or endangered species (e.g. Bull Trout, Chinook salmon). Consult the Federal Label for additional restrictions and precautions to protect aquatic organisms.

Do not apply within 25 feet by ground, or 150 feet by air, of bodies of water such as lakes, reservoirs, rivers, permanent streams, natural ponds, marshes or estuaries.

This pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

Do not apply this product through any type of irrigation system.

GENERAL INFORMATION: Under normal agricultural practices, DIMILIN 2L does not interfere with the activity of beneficial insects, except with the potential loss of their food source. DIMILIN 2L is not hazardous to bees when used alone. However, bee hazards may be encountered when combined with other pesticides. Observe State Department of Agriculture regulations on the use of insecticides next to crops where bees may forage.

Follow all applicable directions, restrictions, Worker Protection Standard requirements and precautions on the EPA registered label.
This label must be in the possession of the user at the time of the pesticide application.

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The label for DIMILIN 2L expires and must not be distributed or used in accordance with this SLN registration after **December 31, 2005.**

DIMILIN® is a Registered Trademark of Uniroyal Chemical Company, Inc., Middlebury, CT 06749

24c (SLN) REGISTRANT:

UNIROYAL CHEMICAL COMPANY, Inc., Middlebury, CT 06749

EPA REG. NO. 400-461

EPA SLN. NO. WA-020008

APPROVED

MAY 01 2002

WSDA / PMD

af

The image shows three 5x5 dot patterns. The first pattern represents the number 1, with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1). The second pattern represents the number 2, with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1). The third pattern represents the number 3, with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1).



STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
P.O. Box 42560 • Olympia, Washington 98504-2560 • (360) 902-1800

CERTIFIED

May 1, 2002

Document Processing Desk (SLN)
Office of Pesticide Programs - H7504C
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue
Washington, DC 20460

RE: EPA SLN Reg. No. WA-020008

Enclosed is Washington Special Local Need (SLN) registration number WA-020008 issued to the Uniroyal Chemical Company for the use of Dimilin 2L Insect Growth Regulator (EPA Reg. No. 400-461) on commercial hybrid poplar/cottonwood plantations to control grasshoppers. This registration was issued under authority of Section 24(c) FIFRA.

According to Dr. John Brown and Dr. Doug Walsh (Washington State University), there is a need in Washington State for an insecticide that can effectively control grasshoppers on commercial hybrid poplar/cottonwood plantations. The active ingredients that are currently registered in Washington for control of insects on commercial hybrid poplar/cottonwood plantations are classified as carbamates, organochlorines, organophosphates, or synthetic pyrethroids. Several of these active ingredients (carbaryl, malathion) are effective on grasshoppers.

DiFlubenzuron (the active ingredient in Dimilin) is an Insect Growth Regulator (IGR) that inhibits the formation of chitin, an essential component of the insect cuticle. This is a different mode of action than the other registered active ingredients. In addition, diFlubenzuron (1) provides longer residual control of grasshoppers, (2) is safer to beneficial arthropods, and (3) has lower acute mammalian toxicity than several of the registered alternatives. WSDA has received letters or e-mails of support from Drs. Brown and Walsh, from Dick Jackson (Oregon Department of Agriculture) and from the poplar industry.

DiFlubenzuron is very highly toxic to freshwater aquatic invertebrates. Risk to freshwater aquatic invertebrates has been mitigated with specific restrictions on the SLN label, including buffer areas around aquatic sites (25 feet for ground applications, and 150 feet for aerial applications).

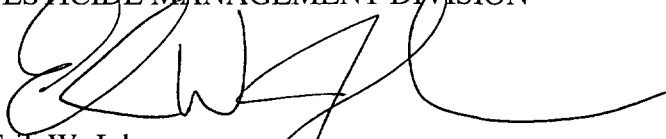


A tolerance for residues of diflubenzuron on hybrid poplar/cottonwood is not required, since this is a non-food and non-feed use.

If you have any questions, please contact me at (360) 902-2078 or by e-mail at ejohansen@agr.wa.gov.

Sincerely,

PESTICIDE MANAGEMENT DIVISION



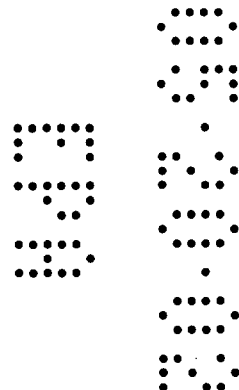
Erik W. Johansen

Pesticide Registration Specialist / Pollinator Protection & Spray Adjuvants

Enclosure

cc: Terri Hass, Uniroyal Chemical Company
Jane Thomas, WSU
Rose Kachadoorian, ODA
Don Joy, Uniroyal Chemical Company

Gary Buckner, WSDA
Doug Walsh, WSU
Bridget Moran, WSDA





STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
P.O. Box 42560 • Olympia, Washington 98504-2560 • (360) 902-1800

CERTIFIED

May 1, 2002

Terri Hass
Uniroyal Chemical Company
74 Amity Road
Bethany, CT 06524-3402

RE: EPA SLN Reg. No. WA-020008

Dear Terri:

Enclosed is Washington Special Local Need (SLN) registration number WA-020008 issued to the Uniroyal Chemical Company for the use of Dimilin 2L Insect Growth Regulator (EPA Reg. No. 400-461) on commercial hybrid poplar/cottonwood plantations to control grasshoppers. This registration was issued under authority of Section 24(c) FIFRA.

WSDA is issuing this SLN registration as a conditional registration that will expire on December 31, 2005. This is because the efficacy studies (submitted with the request) were conducted on rangeland, not on hybrid poplar/cottonwood. Uniroyal and/or WSU must provide documentation to WSDA within the next two and one-half years that Dimilin 2L used on hybrid poplar/cottonwood is effective against grasshoppers and is not phytotoxic. This may be done with replicated test plots and/or field observations as appropriate. If this documentation is not provided, then WSDA will not renew this SLN registration in 2006.

If you have any questions, please contact me at (360) 902-2078 or by e-mail at ejohansen@agr.wa.gov.

Sincerely,

PESTICIDE MANAGEMENT DIVISION


Erik W. Johansen

Pesticide Registration Specialist / Pollinator Protection & Spray Adjuvants

Enclosure

cc: Jane Thomas, WSU
Gary Buckner, WSDA
Don Joy, Uniroyal Chemical Company

Doug Walsh, WSU
Rose Kachadoorian, ODA
Bridget Moran, WSDA





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

May 20, 2002

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

WSDA
Pesticide Registration
PO Box 98504-2560
Olympia, WA 98504

ATTN: Erik W. Johansen

SUBJECT: Receipt of New 24 ©

Dear State Agency:

The Office of Pesticide Programs acknowledges receipt of the 24© application/notification for WA020008. The package is being forwarded to the Product Manager for review.

To ensure that the Agency receives proper notification of your 24© applications/notifications it is necessary to use the correct mailing address. All new 24© applications should be sent to the following:

Document Processing Desk (SLN)
Office of Pesticide Programs - H7504C
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue
Washington, DC 20004

If you have any questions concerning the administrative screening of the package please contact the Front End Unit at (703) 305-5780.

Sincerely,

A handwritten signature in cursive script, appearing to read "Barbara Russell".

Front End Processing Staff
Information Services Branch
Program Management and Support Division